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STATEMENT BY APPLICANT (Use as many sheets as necessary)

Sheet 1

Application Number				
Filing Date				
First Named Inventor	KIM, Dae-Yeol			
Art Unit				
Examiner Name				
Attorney Docket Number	2017-109			

U. S. PATENT DOCUMENTS						
Examiner Initials*	No.	Document Number Number-Kind Code ^{3 prisume}	Publication Data MM-DD-YYYY	Name of Patentee or Applicant of Clied Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	01	US-6647373	11/11/2003	Cariton-Foss		
	02	US- 2003/0093357	05/15/2003	Guler et al.		
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FOREIGN PATENT DOCUMENTS						
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		Country Code ² "Number" "Kind Code ³ (Filosows)				T
	03	KR 1020020073101	09/19/2002	Joung et al.		
	04	KR 1020000054554	09/05/2000	Kim, Kyung Joo		С
		KR 1020000054546	09/05/2000	Kim, Eun Taek		П
	06	KR 1020020023831	03/29/2002	Kim, Jae Myeong	T	
	07	JP 2003-099680		Motoishi et al.		П
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